

Event-09

Stem Training of Data Science and AI
[Std. 10th, 12th students of Nirmala Convent School, Rajkot]

Date: 28-08-2023

By

Data Science Club

**Information and Communication
Technology**



**Faculty of Technology
Marwadi University, Rajkot**

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Event Report: Educational Visit by Nirmala Convent School Girls to Marwadi University

Date: August 28, 2023

Venue: Marwadi University, Lab "MA-112"

Introduction:

On August 28, 2023, a group of students from Nirmala Convent School embarked on an educational visit to Marwadi University. The visit was organized by the university's DS (Data Science) club, which warmly welcomed the students upon their arrival at the entry gate. The event took place in the well-equipped lab "MA-112."

Session Highlights:

The event commenced with the convener of the DS club providing an introduction to the club members and acquainting the students with the concept of data. The stage was then handed over to the event coordinator, who delved into the fundamentals of data science, including the intriguing realms of AI (Artificial Intelligence) and ML (Machine Learning). An engaging activity focusing on a mid-journey AI tool captured the students' interest, providing them with a hands-on experience.

A captivating YouTube video illustrating the real-world applications of AI captivated the students' imagination. The subsequent interactive session involving a "chat GPT" showcased the potential of AI-powered interactions. The convener retook the stage, leading a confidence-building activity that resonated well with the students, fostering an environment of active participation.

Number of Participants:

90 students of 10th and 12th standard of Nirmala Convent School, Rajkot

Technical Insights:

The technical segment of the event delved into the concept of graphical representation of data. The club members illustrated how graphical representations simplify the comprehension of complex information. To exemplify this, real-world cases from cricket and the stock market were explored, vividly demonstrating the power of visualizing data.

Exploring Google Trends:

An exhilarating activity centered around Google Trends emerged as a highlight of the event. Google Trends, a tool by Google that compares data from the last three days on a given topic, was introduced. Students actively participated by suggesting topics, and these suggestions were promptly compared on the screen. The class ambiance radiated enthusiasm, as students engaged enthusiastically in this interactive exercise.

Quiz and Prizes:

To conclude the event on an engaging note, a quiz was conducted. The quiz encompassed basic questions on Excel and general knowledge. The winning team was rewarded with chocolates, adding a sense of fun and competition to the occasion.

Feedback and Impression:

Following the event's activities, a feedback round was conducted. The students expressed their deep appreciation for the session, revealing that they gained valuable insights into technological advancements. Many students conveyed that their confidence was significantly boosted after participating in the event.

In summary, the educational visit by Nirmala Convent School's girls to Marwadi University proved to be an enriching experience. The DS club successfully introduced the students to the world of data science, AI, and ML through interactive sessions, engaging activities, and insightful demonstrations. The students left the event with a greater understanding of technology's progress and newfound confidence to explore its frontiers.







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